

## AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:

maintaining load capacity information relating to access points in a network, the access points are assigned beacon intervals to facilitate balancing of loads associated with the access points;

determining a need to change a whether to adjust a first load or associated with a first access point in a network having a plurality of access points of the access points, including the first access point corresponding to a first beacon interval of the beacon intervals; and

modifying the first beacon interval to adjust the first load associated with the first access point until a first threshold condition is met.

2. (Currently Amended) The method of claim 1, wherein said determining a need to change the load of the first access point comprises determining a need to reduce the adjusting of the first load of the first access point, comprises one or more of decreasing the first load and wherein said modifying the first beacon interval comprises increasing the first beacon interval load.
3. (Currently Amended) The method of claim 2, further comprising whether to adjust a second load associated with wherein the network additionally includes a second access point corresponding to a second beacon interval, and the method additionally comprises decreasing modifying the second beacon interval to adjust the second load associated with the second access point until a second threshold condition is met.

4. (Currently Amended) The method of claim 2, ~~additionally~~ further comprising further ~~setting the first load to increasing the first beacon interval automatically increase or decrease at a future times time until a threshold condition is met according to a predetermined time period.~~
5. (Currently Amended) The method of claim-4\_1, wherein the first threshold condition comprises ~~an~~ reaching an operating capacity.
6. (Currently Amended) The method of claim-4\_1, wherein the first threshold condition comprises providing service to a target number of clients.

Claims 7-29 (Cancelled)

30. (Currently Amended) A ~~machine readable~~ computer-readable medium having stored thereon data representing sequences of comprising instructions, the sequences of instructions which, when executed by a processor, cause the processor ~~a machine~~ to perform the following:

maintain load capacity information relating to access points in a network, the access points are assigned beacon intervals to facilitate balancing of loads associated with the access points;

determine whether to adjust a first a need to reduce a service load of associated with a first access point of the access points in a network having at least the first access point corresponding to a first beacon interval, the first access point corresponding to a first beacon interval of the beacon intervals; and at least a second access point corresponding to a second beacon interval, the first and second access points each to service a plurality of mobile

~~communication devices;~~

~~increase the first beacon interval; and~~

~~decrease the second beacon interval.~~

modify the first beacon interval to adjust the first load associated with the first access point until a first threshold condition is met.

31. (Currently Amended) The ~~computer-readable machine readable~~ medium of claim 30, ~~additionally comprising further wherein the instructions when executed to adjust the first load further cause the machine to perform one or more of decreasing the first load and increasing the first load-beacon interval at future times until a threshold condition is met.~~
32. (Currently Amended) The ~~computer-readable machine readable~~ medium of claim 30, ~~additionally further comprising setting the first load to automatically increase or decrease at a future time according to after a predetermined time period of time, determining to increase the service load of first beacon interval by decreasing the first beacon interval.~~

33-35 (Cancelled)